DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PYROMECHANICAL FASTENINGELEMENT

the specification of which

is attached he	reto.			
X was filed on A	April 4, 2005 as			
	ed States Application Nur	nber <u>10/530,200</u> •		
		ion Number PCT/EP2003/01082	28/	
	was amended on			
		(if applicable)	_	
I homely state that I have	is reviewed and understan	d the contents of the above ident	ified enecification includ	lino
•		d the contents of the above-ident	-	_
		ove. I acknowledge the duty to d) VV I !
to me to be material to patentab	mity as defined in Title 37	, Code of Federal Regulations,	Section 1.30.	
I horoby alaim foreign	priority banafits under Tit	ele 35, United States Code, Section	on 110(a)-(d) of any fore	ian
		ow and have also identified below		
		that of the application on which		101
patent of inventor's certificate in	aving a ming date octore	that of the application on which	Priority	
Prior Foreign Application(s)			Claimed	
Thor roleigh Application(s)			Clamica	
102 46 028.0 Ger	many	2/October/2002 /	X	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No	
(**************************************	(,		
103 38 394.8 Ger	many	21/August/2003	X	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No	
I hereby claim the benefit und	der title 35, United State	es Code, Section 119(e) of any	y United States provisio	nal
application(s) listed below				
(Application Number)	Filing Date			
(Application Number)	Filing Date			
I hereby claim the bene	efit under Title 35, United	States Code, Section 120 of any	United States application	n(s)
listed below and, insofar as the s	ubject matter of each of th	e claims of this application is not	disclosed in the prior Uni	ited
States application in the mann	er provided by the first	paragraph of Title 35, United	States Code, Section 112	2, 1
		me to be material to patentabilit		
		lable between the filing date of	the prior application and	the
national or PCT international fi	ling date of this application	on:		
(Application Number)	Eiling Doto	(Ctatus astarts		
(Application Number)	Filing Date	(Status patente		
		penain	g, abandoned)	
(Application Number)	Filing Date	(Status patente		
(Application Number)	i iting bate	•	g, abandoned)	
		penani	g, abandoni c u)	

I hereby appoint the practitioners associated with <u>customer number 02045D</u> with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

CUSTOMER NUMBER: 020457)
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Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600 FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature	Date Octo	19er, 10
Residence 90765 Fuerth, Germany	Čitizenship German	(Country
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Post Office Address Boenerstr. 32, 90765 Fuerth, Gen	nany	
Full Name of Second/Joint Inventor Heinrich Lorenz		
Inventor's Signature	Date	,
Residence 38448 Wolfsburg, Germany	Citizenship German	
(City, State)		(Country
Post Office Address Stendaler Str. 61, 38448 Wolfst		
Full Name of Third/Joint Inventor Henning Jacob		
Inventor's Signature	Date	
unction a distinguic		
Residence 29386 Hankersbüttel, Germany	Citizenshîp German	200
Residence 29386 Hankersbüttel, Germany (City, State)		(Country
Residence 29386 Hankersbüttel, Germany		(Country
Residence 29386 Hankersbüttel, Germany (City, State)		(Country
Residence 29386 Hankersbüttel, Germany (City, State) Post Office Address Weinberg 7, 29386 Hankersbütte Full Name of Fourth/Joint Inventor Ulrich Kempe Inventor's Signature	el. Germany Date	(Country
Residence 29386 Hankersbüttel, Germany (City, State) Post Office Address Weinberg 7, 29386 Hankersbütte Full Name of Fourth/Joint Inventor Ulrich Kempe Inventor's Signature Residence 38100 Braunschweig, Germany	el, Germany	
Residence 29386 Hankersbüttel, Germany (City, State) Post Office Address Weinberg 7, 29386 Hankersbütte Full Name of Fourth/Joint Inventor Ulrich Kempe Inventor's Signature	el. Germany Date Citizenship <u>German</u>	(Country

(Country)

10/530200 Full Name of Fifth/Joint Inventor Udo Kautz 20.10.2005 Inventor's Signature Date Residence 38165 Lehre, Germany Citizenship German (City, State) (Country) Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany Full Name of Sixth/Joint Inventor _____ Inventor's Signature _____ Date ___ Residence _____ _____ Citizenship (City, State) (Country) Post Office Address Full Name of Seventh/Joint Inventor _____ Inventor's Signature _____ Date Residence _____ _____ Citizenship _ (City, State) (Country) Post Office Address Full Name of Eight/Joint Inventor Inventor's Signature ____

Citizenship

Residence _

Post Office Address

(City, State)

10/530200 DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PYROMECHANICAL FASTENING **ELEMENT**

the specification of which				
is attacl	ned hereto.			
X was file	d on April 4, 2005 as			
	United States Application	Number <u>10/530,200</u> ———		
		ication Number PCT/EP2003/01082	<u> 18</u>	
	and was amended on		 	
		(if applicable)	-	
the claim(s), as amended b	y any amendment referred to	stand the contents of the above-identi b above. I acknowledge the duty to di e 37, Code of Federal Regulations, S	sclose all information	
application(s) for patent o patent or inventor's certifi	r inventor's certificate listed cate having a filing date bef	Title 35, United States Code, Section below and have also identified below ore that of the application on which	v any foreign applicat	
Prior Foreign Application	<u>(s)</u>		<u>Claimed</u>	
102 46 028.0 —	Germany	2/October/2002 —	Х	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No	
103 38 394.8	Germany	21/August/2003	X	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No	
I hereby claim the benefapplication(s) listed below (Application Number)		States Code, Section 119(e) of any	United States prov	isional
(Application Number)	Filing Da	te		
listed below and, insofar as States application in the acknowledge the duty to di of Federal Regulations, Se	s the subject matter of each o manner provided by the fir sclose all information know	ted States Code, Section 120 of any f the claims of this application is not st paragraph of Title 35, United S in to me to be material to patentability vailable between the filing date of thation:	disclosed in the prior tates Code, Section as defined in Title 37	United 112, I
(Application Number) Filing Dat	•	d, , abandoned)	
(Application Number) Filing Dat	•	d, , abandoned)	

I hereby appoint the practitioners associated with customer number 02045 with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected

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Dall Name of Cole/First Inventor Live Drade

FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	run Name of Bote/11	ist inventor <u>owe brede</u>		
	Inventor's Signature	·	Date	
	Residence 90765 Fue		Citizenship German	
		(City, State)		(Country)
	Post Office Address	Boenerstr. 32, 90765 Fuerth, Gern	nany	
2-1) Full Name of Second	/Joint/140 entor Heinrich Lorenz		
700	Inventor's Signature	King all leen	Date	30,11.2005
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		(City, State)	*	(Country)
	Post Office Address	Stendaler Str. 61, 38448 Wolfsb	urg, Germany	
J	Inventor's Signature		Date	
	Residence 29386 Ha	nkersbuttel, Germany	Citizenship German	
	Post Office Address	(City, State) Weinberg 7, 29386 Hankersbütte	el, Germany	(Country)
	Full Name of Fourth	Joint Inventor <u>Ulrich Kempe</u>		
	Inventor's Signature		Date	
		unschweig, Germany	Citizenship German	
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Rec'd PCT/PTO 07 DEC 2005 10/530200 Full Name of Fifth/Joint Inventor Udo Kautz / 20.10.2005 Inventor's Signature Residence 38165 Lehre, Germany Citizenship German (City, State) (Country) Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany Full Name of Sixth/Joint Inventor Inventor's Signature _____ _____ Date Residence _____ _____Citizenship _____ (City, State) (Country) Post Office Address Full Name of Seventh/Joint Inventor Inventor's Signature _____ Date ____ Residence _____ _____Citizenship _____ (City, State) (Country) Post Office Address Full Name of Eight/Joint Inventor Inventor's Signature _____ Date ____ Residence _____ _____ Citizenship

(Country)

(City, State)

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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the specification of which

Unite or Po	<u>April 4, 2005</u> as ed States Application N	umber 10/530,200 ation Number PCT/EP2003/01082 (if applicable)	28
the claim(s), as amended by any	amendment referred to a	nd the contents of the above-identi bove. I acknowledge the duty to di 37, Code of Federal Regulations, S	sclose all information known
application(s) for patent or inver	ntor's certificate listed be	Title 35, United States Code, Section clow and have also identified below that of the application on which	v any foreign application for
102 46 028.0 — Geri	nany —	2/October/2002	X
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
_	` ',		
	nany	21/August/2003	X
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit uncapplication(s) listed below (Application Number)	er title 35, United Sta	tes Code, Section 119(e) of any	United States provisional
(Application Number)	Filing Date		
listed below and, insofar as the su States application in the manne acknowledge the duty to disclose	abject matter of each of the provided by the first all information known to 1.56 which became available.	d States Code, Section 120 of any he claims of this application is not paragraph of Title 35, United S o me to be material to patentability ilable between the filing date of the con:	disclosed in the prior United states Code, Section 112, I as defined in Title 37, Code
(Application Number)	Filing Date	•	d, , abandoned)
(Application Number)	Filing Date	•	d, , abandoned)

10/530200

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revocation, to prosecute this application and to transact all business in the Patent and Trademark Office conne	cted
herewith.	

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F	Full Name of Sole/Fir	st Inventor <u>Uwe Brede</u>		
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F	full Name of Second/	Joint Inventor Heinrich Lorenz		
Ir	nventor's Signature _		Date	
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		(City, State)	•	(Country)
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F	full Name of Fourth/J	oint Inventor <u>Ulrich Kempe</u>		
Ir	nventor's Signature _		Date	
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		(City, State)		(Country)
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Full Name of CD'01 /I	T	,	\mathfrak{N}	0/530200
Full Name of Fifth/Joint		0/	,ی	
Inventor's Signature	U. Bou	a II	Date	20.10.2005
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	(City, State)		(Count	
Post Office Address <u>E</u>	Braunschweiger Str. 34, 3	8165 Lehre, Germa	iny	
F. 11 N	•			
ruii Name of Sixth/Joint	Inventor			
Inventor's Signature			Date	
Residence		Citize	enship	
	(City, State)			(Country)
Post Office Address				
Full Name of Seventh/Io	int Inventor			
Tun rume of Seventily Joh	int mventor			
Inventor's Signature			Date	
Residence		Citize	enship	***
	(City, State)			(Country)
Post Office Address _				
Pull Manage CP 1 4/7 1 4	T			
Full Name of Eight/Joint	Inventor			
Inventor's Signature			Date	
Residence		Citize	enship	
	(City, State)		р	(Country)
Post Office Address				(00000))

Rec'd PCT/PTO 07 DEC 2005 Title 37, Code of Federal Regulations, Section 1.56 10/530200

Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by 991.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2)The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- Under this section, information is material to patentability when it is not cumulative to information already of (b) record or being made or record in the application, and
- It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; (1) or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- Individuals associated with the filing or prosecution of a patent application within the meaning of this section are: (c)
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to (d) the attorney, agent, or inventor.

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Full Name of Sole/First Inventor Uwe Brede

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Full Name of Second	l/Joint Inventor <u>Heinrich Lorenz</u>		
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Inventor's Signature		Date	
Inventor's Signature	nkersbüttel, Germany	DateCitizenship German	
Inventor's Signature Residence 29386 Har	nkersbüttel, Germany (City, State)	Citizenship German	(Country)
Inventor's Signature	nkersbüttel, Germany	Citizenship German	(Country)
Inventor's Signature Residence 29386 Hand Post Office Address	nkersbüttel, Germany (City, State)	Citizenship German	(Country)
Inventor's Signature Residence 29386 Hand Post Office Address	nkersbüttel, Germany (City, State) Weinberg 7, 29386 Hankersbüttel,	Citizenship <u>German</u> Germany	(Country)
Inventor's Signature Residence 29386 Har Post Office Address Full Name of Fourth/ Inventor's Signature	(City, State) Weinberg 7, 29386 Hankersbüttel, Joint Inventor Ulrich Kempe Wunschweig, Germany	Citizenship <u>German</u> Germany	
Inventor's Signature Residence 29386 Har Post Office Address Full Name of Fourth/ Inventor's Signature	nkersbüttel, Germany (City, State) Weinberg 7, 29386 Hankersbüttel, Joint Inventor Ulrich Kempe	Citizenship <u>German</u> Germany Date	

Full Name of Fifth/Joint Inventor Udo Kautz / 20.10.2005 Inventor's Signature Date Residence 38165 Lehre, Germany Citizenship German (City, State) (Country) Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany Full Name of Sixth/Joint Inventor Inventor's Signature _____ ___ Date _____ Residence _____ _____ Citizenship _ (City, State) (Country) Post Office Address Full Name of Seventh/Joint Inventor _____ Inventor's Signature Date ___ Residence _____ _____ Citizenship (City, State) (Country) Post Office Address Full Name of Eight/Joint Inventor ____ Inventor's Signature Date Residence ___ _____ Citizenship (City, State) (Country) Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Pyromechanical Fastening
ELEMENT

• The property of the subject matter which is claimed and for which a patent is sought on the invention entitled Pyromechanical Fastening
ELEMENT

the specification of whic	ch control of the con			
is atta	ched hereto.			
X was fi	led on April 4, 2005 as			
	United States Application	Number 10/530,200		
		ication Number PCT/EP2003/01082	28	
	and was amended on		<u>~</u> ./	
	and was amonada on	(if applicable)	- '	
the claim(s), as amended	by any amendment referred to	tand the contents of the above-ident above. I acknowledge the duty to d a 37, Code of Federal Regulations, S	isclose all information kn	
application(s) for patent	or inventor's certificate listed ficate having a filing date before	Title 35, United States Code, Section below and have also identified below ore that of the application on which	w any foreign application	
102 46 028.0	Germany	2/October/2002 —	X	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No	
103 38 394.8	Germany	21/August/2003	X	
(Number)	(Country)	(Day/Month/Ýear Filed)	Yes No	
hereby claim the ben- application(s) listed belo (Application Number	w	tates Code, Section 119(e) of any	United States provision	onal
, , , ,	, 3 - •			
(Application Number	r) Filing Dat	ce		
isted below and, insofar States application in the acknowledge the duty to of Federal Regulations, S	as the subject matter of each o manner provided by the fir disclose all information known	ted States Code, Section 120 of any f the claims of this application is not st paragraph of Title 35, United 5 in to me to be material to patentability vailable between the filing date of tation:	disclosed in the prior Un States Code, Section 11 y as defined in Title 37, C	ited 2, I code
(Application Numbe	er) Filing Dat	· · · · · · · · · · · · · · · · · · ·	ed, g, abandoned)	
(Application Numbe	er) Filing Dat	•	ed, g, abandoned)	

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